

AMENDMENTS TO THE CLAIMS

In the claims:

Claim 1 (Currently amended): A backlight module
5 comprising:

a plurality of point light source generators;
a diffusing plate installed on the plurality of
point light source generators for scattering
the light generated by the plurality of point
10 light source generators;

a plurality of scattering apertures installed on
the surface of the diffusing plate opposite to
the plurality of point light source generators,
wherein a scattering pattern is disposed over
15 the inner wall of at least one scattering
aperture; and

a diffusing sheet installed above the diffusing
plate for diffusing the light emitted from the
diffusing plate.

20

Claim 2 (Original): The backlight module of claim 1
wherein the point light source generators are light
emitting diodes (LEDs).

25 Claim 3 (Original): The backlight module of claim 1
wherein the diffusing plate further comprises a
plurality of scattering particles to uniform the light
generated by the point light source generators.

30 Claim 4 (Canceled)

Claim 5 (Currently amended): The backlight module of

~~Claim 4~~ claim 1 wherein the number of the scattering apertures correspond to the number of the point light source generators, and the position of each scattering aperture corresponds to the position of each point
5 light source generator.

Claim 6 (Currently amended): The backlight module of ~~Claim 4~~ claim 1 wherein each of the plurality of scattering apertures is circular, rectangular, or
10 trapezoidal in shape.

Claim 7 (Canceled)

Claim 8 (Canceled)
15

Claim 9 (Original): The backlight module of ~~claim 8~~ claim 1 wherein the plurality of scattering patterns comprises a plurality of V-trenches or a plurality of arc trenches.

20

Claim 10 (Canceled)

Claim 11 (Original): The backlight module of claim 1 further comprising at least one prism sheet installed
25 above the diffusing sheet for uniform the light diffused by the diffusing sheet.

Claim 12 (Original): The backlight module of claim 1 further comprising at least one brightness enhancement
30 film installed above the diffusing plate for enhancing the brightness of the backlight module.